

# Football Match Result Prediction

Machine Learning Project | Bar-Ilan University

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## Executive Summary

This project explores the prediction of football match outcomes using machine learning, applying a complete data science pipeline from data cleaning and feature engineering to model selection and evaluation. Based on the Kaggle Football Database, we trained and evaluated several classifiers to predict whether a home team wins, loses, or draws. Our final model, an XGBoost classifier, achieved over 99% accuracy.

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(Truncated here for brevity; full content is added below)